

INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT2004/000202

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F15B15/26 F15B15/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F15B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 196 02 390 A (KELLER ULRICH) 1 August 1996 (1996-08-01) column 5, line 39 - column 7, line 30; figure 1 column 20, line 4 - column 20, line 33; figure 17	1-4
X	DE 42 33 115 A (KELLER ULRICH) 7 April 1994 (1994-04-07) column 1, line 19 - column 1, line 33; figure 2 column 4, line 68 - column 5, line 22	1,3,4
X	DE 42 42 601 A (EISENBACH B ROTOX GMBH) 30 June 1994 (1994-06-30) column 3, line 34 - column 3, line 45 column 4, line 29 - column 4, line 41; figure 3	1,5
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

14 October 2004

Date of mailing of the international search report

22/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Toffolo, O

INTERNATIONAL SEARCH REPORT

International Application No

PCT/AT2004/000202

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DE 298 11 901 U (TUENKERS MASCHINENBAU GMBH) 8 October 1998 (1998-10-08) page 28, paragraph 3 - page 29, last paragraph; figure 1</p> <p>-----</p>	1,5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/AT2004/000202

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 19602390	A	01-08-1996	DE 19602390 A1		01-08-1996
DE 4233115	A	07-04-1994	DE 4233115 A1		07-04-1994
DE 4242601	A	30-06-1994	DE 4242601 A1		30-06-1994
DE 29811901	U	08-10-1998	DE 19824579 C1		17-06-1999
			DE 29811901 U1		08-10-1998
			EP 0962285 A2		08-12-1999
			US 6220588 B1		24-04-2001

THIS PAGE BLANK